

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Laurakay Bruhn et al.

Serial No.:

Examiner:

Filing Date:

Group Art Unit:

Title: Microarray Based Affinity Purification And Device Coupled With Secondary Analysis Technologies

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

☐ Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. _____ filed _____, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

"Express Mail" label no. EV 262713673 US

Date of Deposit 7/30/03

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

By Orlando Quiroz

Typed Name: Orlando Quiroz

Respectfully submitted,

Laurakay Bruhn et al.

By Timothy H. Joyce
Timothy H. Joyce

Attorney/Agent for Applicant(s)
Reg. No. 38,197

Date: 7/30/03

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	10030004-1	
	APPLICANT Laurakay Buuhn et al.	
	FILING DATE	GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
		4,458,066	Jul. 3, 1984	Caruthers et al.
		4,500,707	Feb. 19, 1985	Caruthers et al.
		5,153,319	Oct. 6, 1992	Caruthers et al.
		5,449,754	Sep. 12, 1995	Nishioka
		5,807,522	Sep. 15, 1998	Brown et al.
		5,869,643	Feb. 9, 1999	Chatelain et al.

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO
		EP0294196B1	06.03.1996	Andrus et al.	x	
		WO95/25116	21.09.95	Baldeschwieler et al.	x	
		WO98/41531	24.09.98	Blanchard		

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Caruthers, "Gene Synthesis Machines:DNA Chemistry And Its Uses", Science, 1985, Vol. 230, p. 281-285.
	Knorre et al., "Synthesis Of Oligonucleotide Derivatives", 1994, p. 100-151.
	Itakura et al., "Synthesis And Use Of Synthetic Oligonucleotides", 1984, p. 323-356.

EXAMINER	DATE CONSIDERED
----------	-----------------

* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)